

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1 2015/2016

**BAC1614 – FUNDAMENTALS OF FINANCIAL
ACCOUNTING**
(All sections / Groups)

10 OCTOBER 2015
9.00AM – 12.00PM
(3 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 9 pages excluding cover page with 4 Questions only.
2. Attempt ALL questions. The distribution of the marks for each question is given.
3. Please write all your answers in the Answer Booklet provided.

QUESTION 1**Part A**

Lim Company Sdn Bhd had the following assets and liabilities on the dates indicated.

| <u>December 31</u> | <u>Total Assets</u> | <u>Total Liabilities</u> |
|--------------------|---------------------|--------------------------|
| 2012 | RM530,000 | RM230,000 |
| 2013 | RM480,000 | RM210,000 |
| 2014 | RM590,000 | RM300,000 |

Lim, began business on January 1, 2012, with an investment of RM100,000. For the year 2012, Lim paid dividends of RM25,000.

Required

From an analysis of the change in equity during the year, compute the net income (or net loss) for:

- (i) 2013, assuming Lim made an additional investment of RM60,000 and paid no dividends in 2013. (2.5 marks)
- (ii) 2014, assuming Lim made an additional investment of RM10,000 and paid dividends of RM30,000 in 2014. (2.5 marks)

Part B

The following ledger accounts are used by the MAAU Track & Field Co.

Accounts Receivable
 Prepaid Advertising
 Prepaid Rent
 Unearned Ticket Revenue
 Advertising Expense
 Rent Expense
 Ticket Revenue
 Sales Revenue

Continued...

QUESTION 1**Part B (cont'd)**

The following transactions occurred for the month of September.

- (a) On September 1, paid rent on the track facility for three months, RM210,000.
- (b) On September 1, sold season tickets for admission to the race track. The racing season is year-round with 25 racing days each month. Season ticket sales totaled RM840,000.
- (c) On September 1, borrowed RM300,000 from First National Bank by issuing a 9% note payable due in three months.
- (d) On September 5, schedules for 20 racing days in September, 25 racing days in October, and 15 racing days in November were printed for RM3,000.
- (e) The accountant for the concessions company reported that gross receipts for September were RM160,000. Ten percent is due to the track and will be remitted by October 10.

Required

For each of the following transaction above:

- (i) Prepare the journal entry (if one is required) to record the initial transaction. (5 marks)
- (ii) Prepare the adjusting entry, if any, required on September 30, the end of the fiscal year (5 marks)

Continued...

QUESTION 1**Part C**

The unadjusted trial balance and the adjustment data for MMU Training Institute are given below along with adjusting entry information.

| MMU Training Institute Unadjusted Trail Balance December 31, 2014 (in millions) | | |
|--|--------------------------|--------------------------|
| Accounts | RM | RM |
| Cash | 58,000 | |
| Accounts Receivable | 59,000 | |
| Prepaid insurance | 12,000 | |
| Equipment | 8,000 | |
| Accumulated depreciation - equipment | | 2,000 |
| Buildings | 57,500 | |
| Accumulated depreciation - buildings | | 17,500 |
| Land | 55,000 | |
| Unearned rent | | 16,000 |
| Long-term notes payable | | 50,000 |
| Share capital - ordinary | | 115,600 |
| Tuition fees earned | | 74,000 |
| Training fees earned | | 23,400 |
| Wages expenses | 32,000 | |
| Utilities expenses | 8,000 | |
| Property taxes expenses | 5,000 | |
| Interest expenses | 4,000 | |
| Totals | <u>RM 298,500</u> | <u>RM 298,500</u> |

Additional information items:

- The Prepaid Insurance account consists of a payment for a 1 year policy. An analysis of the insurance invoice indicates that one half of the policy has expired by the end of the December 31 year-end.
- A cash payment for space sublet for 8 months was received on July 1 and was credited to Unearned Rent.
- Accrued interest expense on the note payable of RM1,000 has been incurred but not paid.

Continued...

QUESTION 1**Part C (cont'd)****Required**

(i) Show the calculation for net income without the adjustments and net income with the adjustments. Which one gives the most accurate net income? (5 marks)

(ii) What accounting principles are being violated if the adjustments are not made? (3 marks)

(iii) What is the impact on net income if these adjustments are not recorded? (2 marks)

[Total 25 marks]

QUESTION 2**Part A**

Maggi Company purchased merchandise from Mee Company with an invoice price of RM300,000 and credit terms of 2/10, n/30. The merchandise had cost Mee Company RM200,000. Maggi Company paid within the discount period. Assume that both buyer and seller use a perpetual inventory system.

Required

(i) Prepare entries that the buyer should record for (a) the purchase and (b) the cash payment. (2.5 marks)

(ii) Prepare entries that the seller should record for (a) the sale and (b) the cash collection. (3.5 marks)

(iii) Assume that the buyer borrowed enough cash to pay the balance on the last day of the discount period at an annual interest rate of 9% and paid it back on the last day of the credit period. Compute how much the buyer saved by following this strategy and provide a brief explanation with regard to the strategy. (Assume a 365-day year and round dollar amounts to the nearest cent.) (3 marks)

Continued...

QUESTION 2**Part B**

Monitor Company reported the current month purchase and sales data for its only product and uses the perpetual inventory system.

| <u>Date</u> | <u>Activities</u> | <u>Units acquired at cost</u> | <u>Units Sold at Retail</u> |
|-------------|---------------------|-------------------------------|-----------------------------|
| April 1 | Beginning Inventory | 175 units @ RM15.00 | |
| 4 | Purchase | 150 units @ RM16.00 | |
| 7 | Sales | | 160 units @ RM30.00 |
| 10 | Purchase | 200 units @ RM17.00 | |
| 16 | Sales | | 250 units @ RM30.00 |
| 25 | Purchase | 160 units @ RM18.00 | |
| 28 | Sales | | 150 units @ RM32.00 |

Required

- (i) Determine the cost assigned to ending inventory and cost of goods sold using FIFO and LIFO method for the month of April. Show all workings. (10 marks)
- (ii) Determine what the income before taxes would be, had Monitor used either the FIFO and LIFO method of inventory valuation, if expenses for the month was RM5,000. Show all workings. (3 marks)
- (iii) What would be the difference in income taxes between FIFO and LIFO, assuming a 30% tax rate. Which method would it choose? Show all workings (3 marks)

[Total 25 marks]

QUESTION 3**Part A**

Delima Bhd sold RM5,000,000, 10%, 10-year bonds on January 1, 2013. The bonds were dated January 1, 2013 and pay interest on July 1 and January 1. Delima Bhd uses the straight-line method to amortize bond premium or discount. The bonds were sold at 104. Assume no interest is accrued on June 30.

Continued...

QUESTION 3**Part A (cont'd)****Required**

(i) Prepare the journal entry to record the issuance of the bonds on January 1, 2013. (1.5 marks)

(ii) Prepare a bond amortization schedule for the first four (4) interest periods. (5.5 marks)

(iii) Prepare the journal entries for interest and the amortization of the bond in 2013 and 2014. (7 marks)

Part B

On May 31, 2015, Fatimah Sdn Bhd had a cash balance per books of RM6,781.50. The bank statement from BP Bank on that date showed a balance of RM6,804.60. A comparison of the statement with the cash account revealed the following facts:-

- The statement included a debit memo of RM40 for the printing of additional company cheques.
- Cash sales of RM836.15 on May 12 were deposited in the bank. The cash receipts journal entry and the deposit slip were incorrectly made for RM886.15. The bank credited Fatimah Sdn Bhd for the correct amount.
- Outstanding cheques at May 21 totaled RM276.25. Deposits in transit were RM1,916.15.
- On May 18, the company issued cheque No. 1181 for RM685 to Ali Sdn Bhd, on account. The cheque, which cleared the bank in May, was incorrectly journalized and posted by Fatimah Sdn Bhd for RM658.
- A RM3,000 note receivable was collected by the bank for Fatimah Sdn Bhd on May 31 plus RM80 interest. The bank charged a collection fee of RM20. No interest has been accrued on the note.
- Included with the cancelled cheques was a cheque issued by Bridgecom Sdn Bhd to Abu Sdn Bhd for RM600 that was incorrectly charged to Fatimah Sdn Bhd by the bank.

Continued...

QUESTION 3**Part B (cont'd)**

- On May 31, the bank statement showed NSF charge RM680 for a cheque issued by Sazali Enterprise, a customer, to Fatimah Sdn Bhd on account.

Required

(i) Prepare the bank reconciliation at May 31, 2015 (5 marks)

(ii) Prepare the necessary adjusting entries for Fatimah Sdn Bhd at May 31, 2015. (6 marks)

[Total 25 marks]

QUESTION 4**Part A**

Manitowoc Berhad and Caterpillar Berhad are both producers and sellers of large fixed assets. Caterpillar is substantially larger than Manitowoc. Financial information taken from each company's financial statement is provided below.

| <u>Financial Highlights</u> | Caterpillar (in millions) | | Manitowoc (in thousands) | |
|------------------------------------|----------------------------------|-------------------|---------------------------------|-------------------|
| | Current year | Prior Year | Current Year | Prior Year |
| Cash and short-term investments | RM 638 | RM 419 | RM 16,635 | RM 16,163 |
| Accounts receivable | 4,285 | 4,290 | 51,011 | 29,500 |
| Inventory | 1,921 | 1,835 | 52,928 | 36,793 |
| Other current assets | 803 | 865 | 14,571 | 14,082 |
| Current assets | 7,647 | 7,409 | 135,145 | 96,538 |
| | | | | |
| Total assets | 16,830 | 16,250 | 329,915 | 159,465 |
| Current liabilities | 6,049 | 5,498 | 110,923 | 54,064 |
| Total liabilities | 13,442 | 13,339 | 243,254 | 84,408 |
| Total shareholders' equity | 3,388 | 2,911 | 81,661 | 75,057 |
| | | | | |
| Sales | 15,451 | | 313,149 | |
| Cost of goods sold | 12,000 | | 237,679 | |
| Interest expenses | 191 | | 1,865 | |
| Income tax expenses | 501 | | 8,551 | |
| Net income | 1,136 | | 14,569 | |

Continued...

QUESTION 4**Part A (cont'd)****Required**

Calculate the following ratios of both companies for the current year. Provide brief explanation of liquidity, profitability and solvency position of both companies.

- (i) Current ratio
- (ii) Acid test ratio
- (iii) Receivable turnover
- (iv) Inventory turnover
- (v) Asset turnover
- (vi) Profit margin
- (vii) Return on assets
- (viii) Return on equity
- (ix) Debt to total assets
- (x) Times interest earned

(15 marks)

Part B

The ledger of Roda Sdn Bhd at the end of the current year shows Account Receivable RM110,000; Sales RM840,000; and Sales Return and Allowances RM28,000.

Required

- (i) If Roda Sdn Bhd uses the direct write-off method to account for uncollectible accounts, journalize the adjusting entries at December 31, assuming Roda Sdn Bhd determines that Koperasi Hijau Bhd RM1,400 balance is uncollectible. (2 marks)
- (ii) If Allowance for Doubtful Accounts has a credit balance of RM2,100 in the trial balance, journalize the adjusting entry at December 31, assuming bad debts are expected to be:
 - (a) 1% of net sales, and
 - (b) 10% of accounts receivable.

(4 marks)

Continued...

QUESTION 4**Part B (cont'd)**

(iii) If Allowance for Doubtful Accounts has a debit balance of RM200 in the trial balance, journalize the adjusting entry at December 31, assuming bad debts are expected to be

- 0.75% of net sales, and
- 6% of accounts receivable.

(4 marks)

[Total 25 marks]**End-of-page**